

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: INVUE

Report Number: P181082

Luminaire Tested: **ICM-F03-LED-E1-SLR-7030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181082  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICM-F03-LED-E1-SLR-7030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (21) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5854.8 lumens  
Efficiency: N/A  
Efficacy: 74.8 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G2  
  
Input Watts (W): 78.3  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

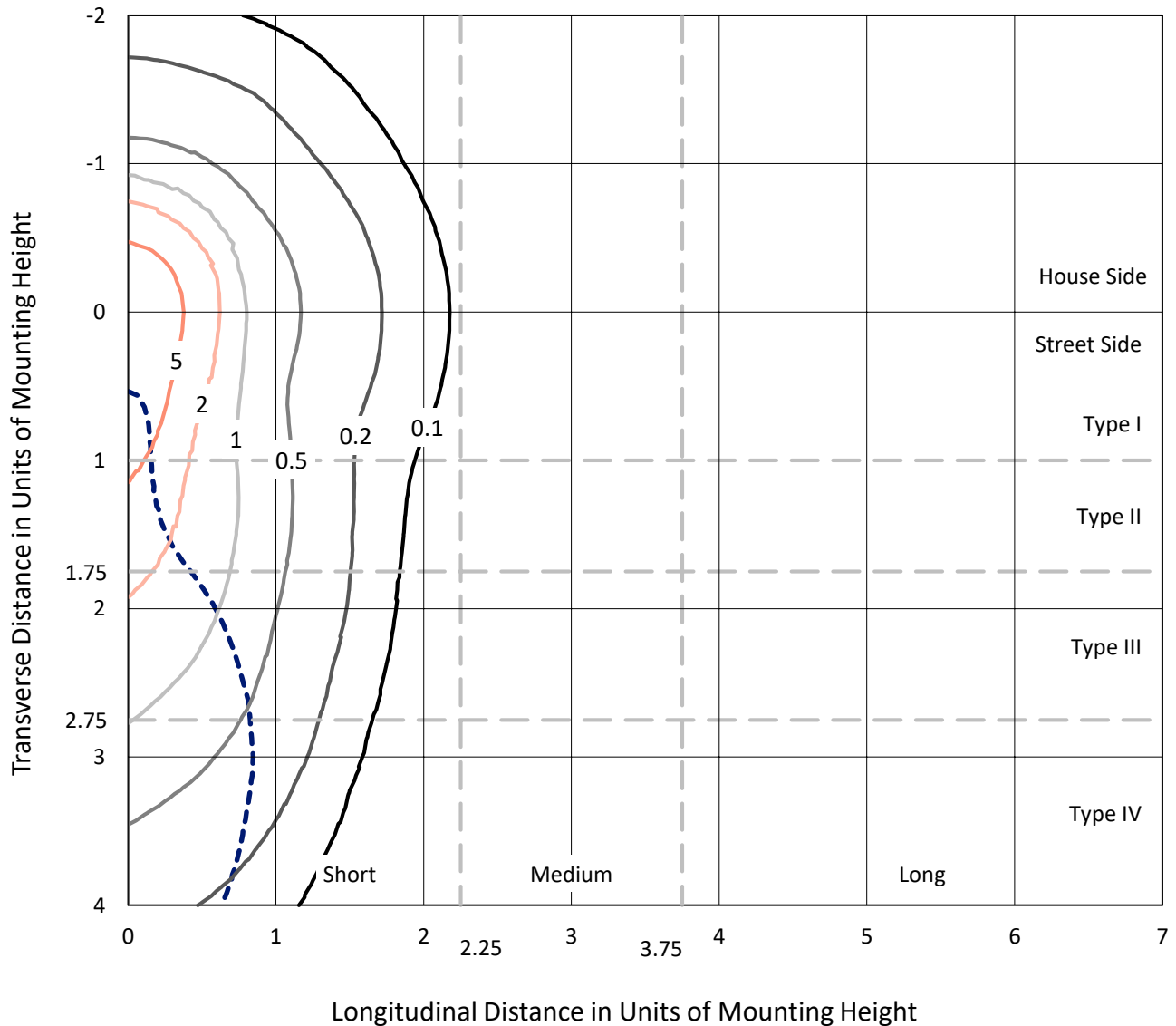


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### Iso-Footcandle Lines of Horizontal Illumination

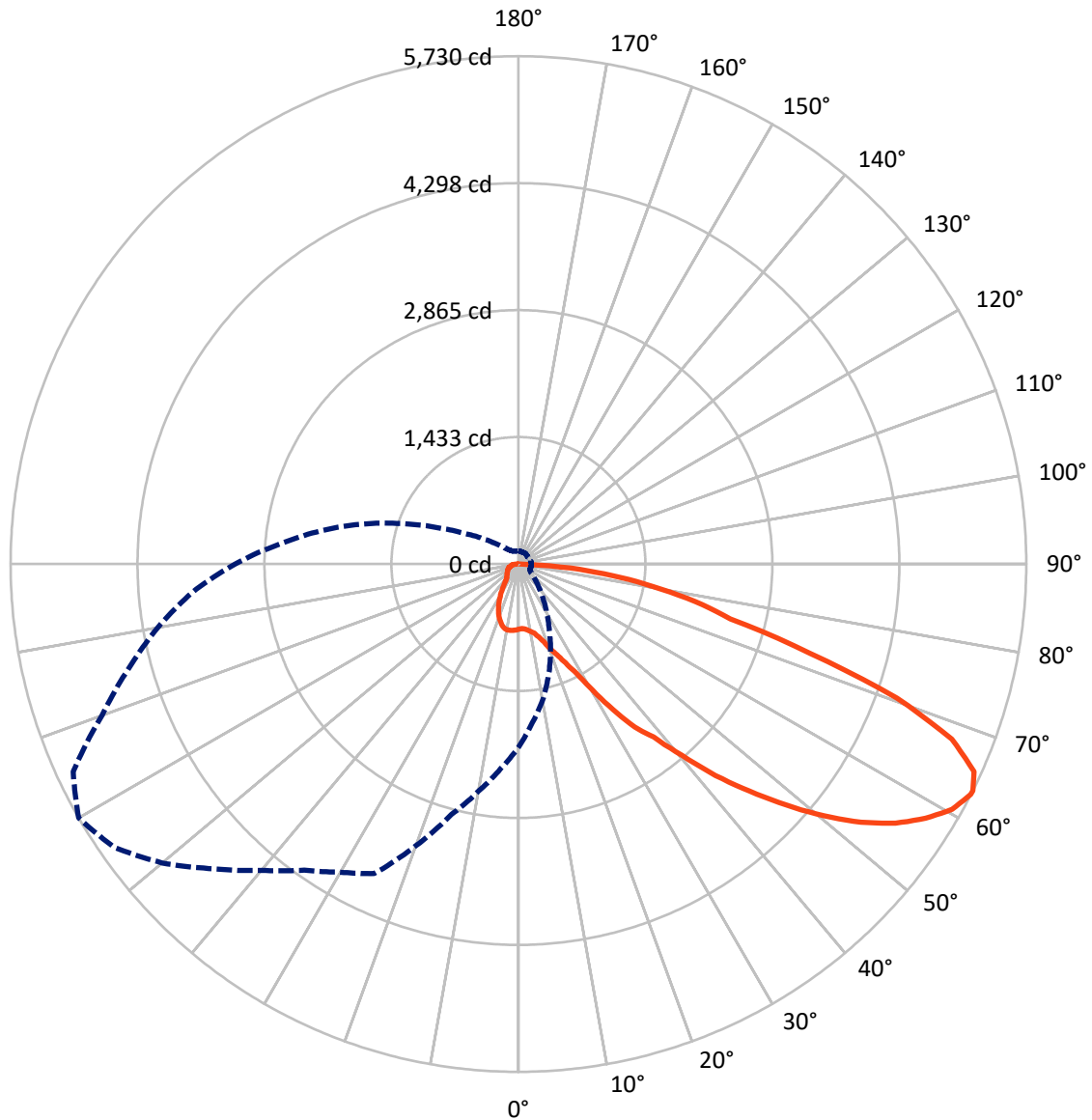
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.2 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral    - - - Horizontal Cone Through 63-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1269.6	0.0	1269.6
	% Fixture	21.7	0.0	21.7
<b>Street Side</b>	Lumens	4585.2	0.0	4585.2
	% Fixture	78.3	0.0	78.3
<b>Total</b>	Lumens	5854.8	0.0	5854.8
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	71.6	1.2
10°-20°	223.1	3.8
20°-30°	396.3	6.8
30°-40°	624.0	10.7
40°-50°	918.4	15.7
50°-60°	1219.9	20.8
60°-70°	1343.7	23.0
70°-80°	843.0	14.4
80°-90°	214.7	3.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5854.8	100.0
0°-180°	5854.8	100.0

**Coefficient of Utilization**



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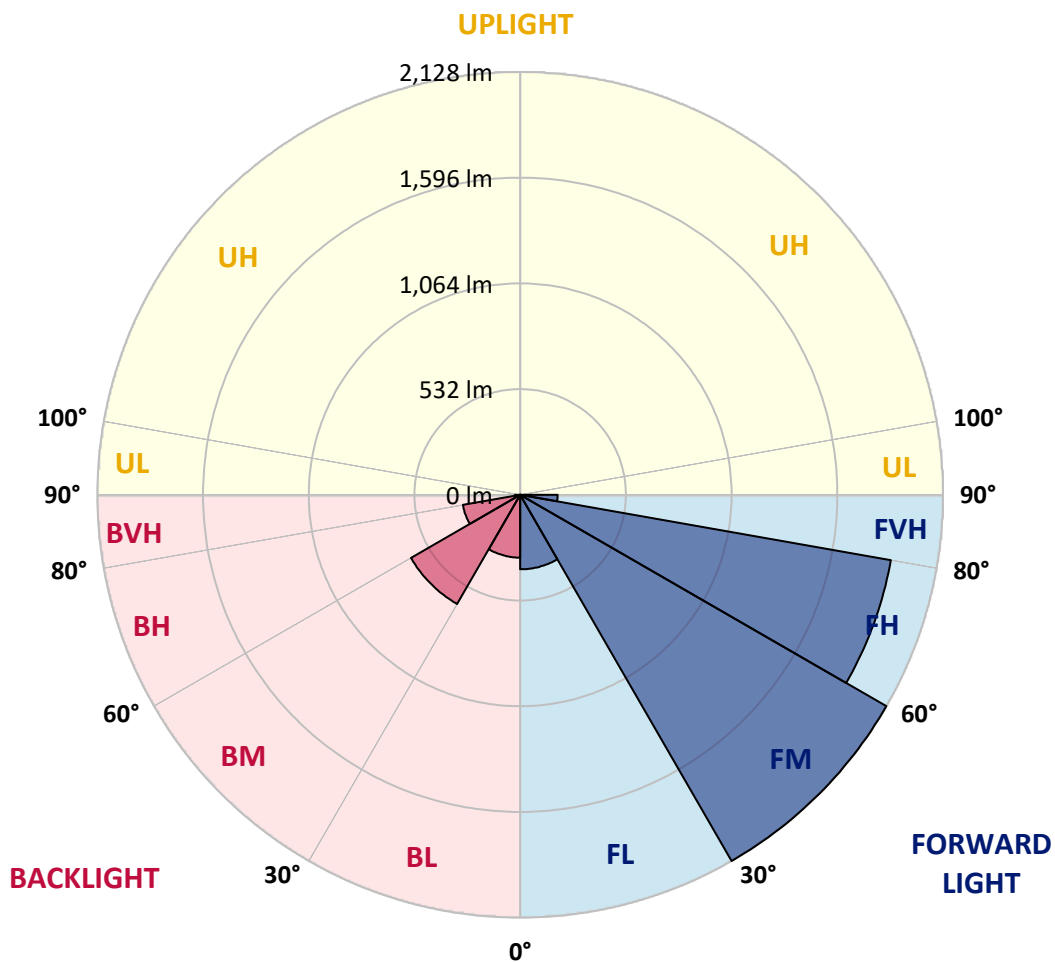
CATALOG NUMBER: ICM-F03-LED-E1-SLR-7030

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	374.9	6.4			
FM	(30°-60°)	2127.8	36.3			
FH	(60°-80°)	1894.1	32.4			G2/5000
FVH	(80°-90°)	188.4	3.2			G2/225
BL	(0°-30°)	316.1	5.4	B1/500		
BM	(30°-60°)	634.6	10.8	B1/1000		
BH	(60°-80°)	292.6	5.0	B1/500		G1/500
BVH	(80°-90°)	26.3	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G2**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7
2.5°	726.0	728.0	727.4	727.4	728.7	728.0	728.0	728.7	728.7	730.9	733.7
5°	720.4	719.6	718.2	719.6	719.6	719.6	716.8	718.9	719.6	721.0	721.0
7.5°	727.4	725.2	722.4	723.2	723.2	721.8	719.6	720.4	719.6	719.6	718.9
10°	736.5	731.5	728.0	728.0	728.0	726.6	723.2	725.2	725.2	724.6	725.2
12.5°	752.6	747.0	742.8	741.4	741.4	739.3	736.5	739.3	737.9	737.9	736.5
15°	779.3	772.9	768.0	763.8	764.6	764.6	761.0	758.9	756.1	752.6	745.6
17.5°	819.3	812.2	805.9	802.4	803.1	798.1	788.4	778.5	765.2	751.9	737.1
20°	876.0	874.0	865.5	862.1	853.6	841.7	814.3	791.2	765.2	740.0	714.7
22.5°	974.2	964.4	956.0	942.7	914.6	881.7	836.1	795.4	754.7	718.9	685.3
25°	1106.1	1088.6	1047.2	1006.5	949.0	890.1	828.4	775.7	725.2	678.2	636.8
27.5°	1235.8	1182.5	1108.9	1035.3	951.1	874.0	796.7	734.3	675.4	624.3	578.6
30°	1392.9	1303.2	1190.2	1073.9	954.6	850.8	758.2	685.3	617.2	563.3	515.5
32.5°	1540.3	1410.5	1262.5	1109.6	962.3	829.0	714.1	631.3	561.1	493.1	446.0
35°	1641.2	1472.9	1293.4	1113.1	943.4	787.6	658.6	561.1	491.0	427.8	372.5
37.5°	1701.6	1500.3	1294.8	1087.8	899.2	731.5	588.5	491.6	427.2	366.8	323.4
40°	1739.5	1506.6	1276.6	1051.4	843.1	660.7	518.3	431.4	372.5	324.0	290.4
42.5°	1757.7	1496.8	1247.1	1005.1	786.2	597.6	469.2	387.2	336.0	301.6	276.4
45°	1760.5	1479.3	1215.5	963.0	735.7	552.0	435.5	368.9	326.9	298.0	272.8
47.5°	1760.5	1463.8	1190.2	932.2	702.8	532.4	432.7	376.7	335.3	303.0	272.8
50°	1761.9	1458.9	1179.7	916.7	691.5	542.9	456.6	400.5	353.5	311.4	272.1
52.5°	1768.2	1465.2	1188.2	928.7	711.9	584.9	501.5	436.3	377.3	321.2	272.1
55°	1782.2	1486.2	1223.9	970.1	766.6	648.7	555.5	474.9	396.3	325.5	267.9
57.5°	1821.5	1539.5	1289.1	1050.0	859.9	722.4	604.6	502.2	403.3	322.0	259.5
60°	1900.1	1645.5	1400.7	1162.2	958.8	785.6	633.4	506.4	397.0	310.7	246.2
62.5°	2025.6	1766.8	1536.0	1284.3	1046.5	820.7	636.8	495.9	380.2	290.4	226.5
63°	2069.1	1796.9	1564.8	1307.4	1057.7	823.4	634.1	491.6	375.9	284.7	223.7
65°	2190.4	1923.9	1664.4	1388.8	1089.3	824.1	618.6	470.6	356.3	263.0	204.1
67.5°	2417.0	2090.9	1790.0	1452.6	1100.5	801.7	579.4	431.4	314.9	229.4	179.5
70°	2560.1	2184.1	1838.3	1454.0	1067.5	737.9	511.4	367.5	262.3	190.0	154.3
72.5°	2522.9	2092.3	1710.7	1322.8	925.1	616.6	411.0	288.9	204.8	152.2	128.4
75°	2161.0	1741.6	1395.7	1024.8	699.3	453.1	300.9	206.2	151.5	119.3	107.3
77.5°	1555.7	1253.4	1000.8	730.1	471.4	293.2	199.9	147.3	115.1	98.2	88.4
80°	991.1	735.1	612.3	439.1	275.6	181.7	137.5	111.5	94.7	82.0	75.7
82.5°	517.6	362.6	294.6	224.5	152.9	119.9	101.0	91.2	77.9	68.0	64.6
85°	322.6	214.0	158.5	110.8	76.5	68.7	63.2	61.8	55.4	49.1	47.0
87.5°	36.5	32.9	34.3	21.8	16.1	17.5	16.8	22.4	21.8	16.1	16.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7
2.5°	730.9	732.3	732.3	734.3	734.3	735.7	737.1	737.1	738.6	739.3	740.7
5°	722.4	722.4	722.4	725.2	726.0	730.1	731.5	732.9	734.3	739.3	742.1
7.5°	720.4	717.5	718.9	718.9	721.0	724.6	728.0	730.1	732.3	738.6	742.8
10°	724.6	722.4	720.4	720.4	721.0	722.4	725.2	727.4	728.7	735.1	738.6
12.5°	735.7	730.9	726.6	723.2	720.4	719.6	718.2	718.9	720.4	723.8	728.7
15°	737.9	728.7	719.6	710.5	703.5	699.3	695.8	694.4	694.4	696.5	702.1
17.5°	723.8	708.4	695.1	683.2	675.4	667.7	664.2	661.4	660.0	662.8	663.5
20°	693.7	675.4	657.2	643.2	629.1	627.1	621.4	622.8	624.3	628.5	630.5
22.5°	652.3	630.5	608.1	593.4	582.1	572.4	566.0	568.8	571.0	575.2	577.2
25°	601.8	570.2	546.4	531.6	519.7	511.4	504.3	507.1	504.3	509.2	516.9
27.5°	542.1	505.0	479.7	462.9	454.5	447.4	440.5	440.5	447.4	447.4	453.8
30°	470.0	442.6	409.6	392.1	381.6	377.3	376.7	375.3	380.2	383.0	390.0
32.5°	401.9	368.2	336.7	319.8	310.7	305.8	306.5	307.2	309.3	313.5	324.7
35°	333.1	303.7	281.3	262.3	253.2	244.1	244.1	242.7	244.7	249.7	263.0
37.5°	288.9	263.0	245.5	230.8	221.7	216.0	211.2	209.0	209.0	211.2	216.0
40°	264.5	245.5	229.4	216.7	208.3	203.4	200.6	198.5	197.1	197.1	197.8
42.5°	253.2	233.6	217.4	206.2	199.9	197.1	196.4	195.7	193.6	192.8	192.2
45°	247.6	225.1	206.9	197.8	192.8	191.4	192.2	192.2	191.4	190.0	187.3
47.5°	243.4	217.4	199.2	190.8	188.7	188.7	188.7	188.7	188.0	187.3	185.2
50°	236.4	205.5	185.9	179.5	178.1	178.1	178.9	178.9	180.3	178.9	177.5
52.5°	228.7	194.3	174.6	169.0	168.4	167.6	167.6	167.6	168.4	168.4	167.6
55°	220.3	185.9	169.0	164.8	165.5	164.8	164.1	163.4	163.4	162.7	161.3
57.5°	211.8	178.9	164.8	162.0	162.7	162.7	161.3	159.9	159.3	157.1	155.7
60°	199.2	169.0	156.4	155.0	157.1	157.1	157.1	156.4	156.4	155.7	152.2
62.5°	182.3	155.0	145.2	145.9	146.6	148.0	148.0	148.0	148.0	146.6	143.1
63°	178.9	152.2	143.1	143.1	145.2	145.2	145.9	145.2	145.9	144.5	140.3
65°	164.8	143.1	136.1	136.7	138.1	138.1	138.1	137.5	137.5	135.3	133.3
67.5°	148.7	131.9	127.6	128.4	129.0	130.4	129.8	129.8	130.4	129.0	127.0
70°	130.4	119.9	117.1	117.9	118.5	118.5	117.9	117.9	118.5	117.1	115.1
72.5°	116.5	112.2	110.1	110.1	108.7	108.7	107.3	106.6	106.0	106.0	103.8
75°	98.2	97.5	98.2	99.6	98.2	96.8	96.1	94.0	92.6	92.6	91.9
77.5°	84.2	84.2	85.6	87.6	88.4	88.4	86.2	82.8	82.0	82.0	82.0
80°	72.9	71.5	71.5	73.7	75.7	75.1	71.5	68.0	68.0	71.5	72.3
82.5°	63.8	63.8	61.8	62.4	61.8	61.0	57.5	55.4	54.7	57.5	60.3
85°	50.5	51.2	50.5	49.8	49.1	47.0	44.2	42.0	41.4	44.2	48.4
87.5°	20.4	19.6	19.0	19.6	19.0	20.4	19.6	18.2	17.5	19.6	23.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7
2.5°	741.4	742.8	744.2	744.2	745.6	744.8	745.6	746.2	746.2	747.0	747.0
5°	745.6	747.7	750.5	753.3	754.0	756.1	758.2	756.8	758.9	761.7	761.7
7.5°	747.0	751.9	754.0	758.2	758.9	761.7	766.6	763.1	767.4	769.4	770.1
10°	744.8	749.8	753.3	758.2	760.3	765.2	770.1	768.7	773.7	777.1	777.9
12.5°	732.3	737.1	744.8	751.9	757.5	765.2	774.3	771.5	778.5	782.8	784.8
15°	707.7	712.7	721.0	732.3	742.8	754.7	766.6	768.7	775.7	780.7	782.8
17.5°	669.1	675.4	684.6	696.5	709.8	730.1	745.6	753.3	763.1	766.0	769.4
20°	633.4	639.6	645.3	652.3	662.1	681.8	702.1	717.5	730.1	740.7	743.4
22.5°	585.7	591.3	598.3	603.9	610.9	624.9	641.8	659.4	679.0	685.3	692.3
25°	528.2	531.6	541.5	545.0	549.9	561.8	575.2	587.7	606.7	620.0	623.5
27.5°	466.4	470.0	479.1	481.1	487.4	498.7	508.5	513.4	531.0	545.0	556.2
30°	394.9	404.0	415.3	416.7	423.6	430.7	439.8	444.7	460.8	475.5	489.6
32.5°	333.1	342.2	351.4	357.0	360.6	366.1	375.3	380.2	395.6	408.9	423.0
35°	270.0	281.3	291.1	298.8	301.6	308.7	315.6	320.6	336.7	348.6	358.4
37.5°	222.3	230.8	241.3	249.0	256.7	261.6	270.0	277.0	286.9	293.2	303.7
40°	199.2	203.4	209.0	215.4	221.7	227.3	233.6	239.2	245.5	253.9	260.9
42.5°	191.4	192.2	192.2	194.3	197.8	200.6	206.2	210.4	214.6	220.9	224.5
45°	185.9	185.2	183.7	182.3	183.1	184.5	188.0	190.8	195.7	198.5	199.2
47.5°	183.1	180.3	177.5	175.3	174.6	175.3	178.1	180.9	183.7	185.9	186.6
50°	174.0	171.8	167.6	164.8	163.4	164.8	168.4	169.8	172.6	174.6	175.3
52.5°	164.8	162.0	159.3	156.4	156.4	157.1	159.9	162.7	165.5	166.2	167.6
55°	159.3	155.0	152.2	150.1	148.7	150.8	152.9	156.4	159.9	160.7	162.0
57.5°	153.6	149.4	146.6	144.5	143.1	145.2	147.3	152.2	156.4	156.4	156.4
60°	150.1	146.6	142.4	140.3	138.1	140.3	143.1	148.0	152.2	151.5	150.8
62.5°	140.3	136.7	134.7	134.7	132.6	136.1	138.9	144.5	145.2	143.8	142.4
63°	137.5	134.7	133.3	133.3	131.9	135.3	138.1	143.1	143.1	141.7	140.3
65°	130.4	128.4	127.0	128.4	128.4	131.9	132.6	136.1	135.3	133.3	132.6
67.5°	124.8	123.4	122.0	122.0	122.0	122.7	123.4	124.8	124.2	123.4	124.2
70°	115.7	115.1	113.6	113.6	112.9	112.9	112.9	113.6	113.6	114.3	115.1
72.5°	104.5	103.1	103.1	103.8	102.4	103.1	103.8	103.1	104.5	104.5	105.2
75°	91.9	91.2	92.6	94.0	93.3	93.3	94.0	94.0	94.7	94.7	95.3
77.5°	82.0	82.8	83.4	84.8	85.6	85.6	85.6	84.8	85.6	85.6	86.2
80°	72.9	74.3	75.7	77.1	77.9	77.9	77.9	77.1	77.1	77.1	77.1
82.5°	66.0	68.0	69.4	70.1	70.1	70.1	70.1	70.1	70.1	68.7	67.3
85°	55.4	59.6	59.6	60.3	58.2	56.8	55.4	56.1	56.8	54.0	53.3
87.5°	28.1	28.1	29.5	30.9	31.5	31.5	35.8	33.7	32.9	32.3	30.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7
2.5°	747.7	747.0	748.4	747.0	747.7	748.4	747.0	749.1	750.5	748.4	746.2
5°	763.1	763.1	766.6	768.0	768.7	772.9	770.8	772.2	773.7	772.9	773.7
7.5°	772.9	775.7	779.3	782.8	783.4	787.0	786.2	788.4	789.8	793.3	793.3
10°	781.3	784.8	789.8	793.3	796.7	799.6	801.0	805.2	805.9	808.7	808.7
12.5°	789.0	793.3	798.1	803.8	807.3	812.9	813.6	819.9	822.1	822.7	820.7
15°	787.6	792.6	798.1	804.5	810.8	817.9	822.1	828.4	831.8	833.2	829.8
17.5°	774.3	778.5	785.6	794.0	801.7	810.8	818.5	827.6	833.2	834.7	834.0
20°	748.4	751.2	760.3	771.5	780.7	794.7	805.9	819.9	829.0	836.1	838.1
22.5°	697.2	704.2	713.3	726.0	739.3	756.8	772.9	793.3	812.9	829.8	846.6
25°	635.4	648.1	662.1	679.0	695.1	713.3	731.5	754.7	783.4	818.5	858.5
27.5°	573.0	594.8	612.3	634.1	653.0	671.3	691.5	716.8	748.4	790.5	841.7
30°	510.0	534.4	553.4	578.6	603.9	628.5	648.7	675.4	706.3	749.1	805.2
32.5°	442.6	467.2	489.6	512.7	540.7	570.2	594.8	627.7	660.7	704.9	761.7
35°	373.1	394.9	413.9	438.3	469.2	500.8	533.0	571.0	606.7	653.0	713.3
37.5°	312.8	328.3	346.5	368.2	392.1	425.8	462.2	507.1	547.8	598.3	660.0
40°	263.0	271.4	282.0	300.2	322.0	354.9	390.7	438.3	487.4	542.9	602.5
42.5°	224.5	228.7	231.4	243.4	260.9	293.2	327.5	373.9	427.8	488.2	548.5
45°	199.2	201.3	202.0	208.3	220.9	249.0	284.7	324.0	375.9	434.9	498.0
47.5°	187.3	189.4	190.8	192.2	199.9	221.7	253.9	291.1	338.8	392.7	457.3
50°	177.5	179.5	181.7	180.9	184.5	198.5	225.9	260.2	305.1	354.9	418.7
52.5°	167.6	169.0	169.0	169.0	171.2	180.3	199.9	231.4	272.8	319.8	383.0
55°	162.0	163.4	164.1	164.8	165.5	170.4	185.2	210.4	246.2	289.7	346.5
57.5°	156.4	157.1	158.5	159.3	160.7	163.4	172.6	190.8	220.9	257.4	305.1
60°	151.5	152.9	155.7	156.4	157.8	158.5	162.7	174.0	193.6	221.7	260.2
62.5°	143.8	145.9	148.7	149.4	150.8	151.5	152.2	158.5	167.6	184.5	213.2
63°	141.7	143.8	147.3	148.0	148.7	148.7	149.4	153.6	162.0	176.7	197.8
65°	134.0	136.7	138.9	139.5	140.3	140.3	139.5	141.0	141.7	148.0	160.7
67.5°	125.6	127.6	129.0	129.8	129.0	129.8	129.0	127.6	126.2	127.6	133.3
70°	117.1	118.5	118.5	119.3	119.9	120.7	119.3	117.9	116.5	115.7	119.3
72.5°	107.3	108.7	108.7	109.4	109.4	110.8	110.8	110.1	110.1	110.8	111.5
75°	97.5	98.9	98.2	99.6	99.6	101.7	101.7	102.4	103.8	103.1	102.4
77.5°	88.4	89.1	89.1	89.8	90.5	94.0	96.1	96.8	96.8	95.3	94.0
80°	78.5	78.5	77.1	76.5	77.1	80.7	84.8	85.6	87.6	87.0	87.6
82.5°	66.0	63.2	61.0	61.0	62.4	64.6	66.0	67.3	68.7	68.7	70.1
85°	50.5	47.7	45.6	46.3	48.4	49.1	48.4	48.4	51.2	53.3	51.2
87.5°	30.1	27.3	26.0	23.8	24.6	26.7	26.0	23.8	24.6	19.6	18.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7
2.5°	747.7	747.0	745.6	743.4	742.8	741.4	742.1	740.0	738.6	737.1	735.1
5°	773.7	773.7	769.4	769.4	767.4	766.6	761.7	759.6	755.4	756.8	751.9
7.5°	791.9	794.0	789.0	788.4	785.6	784.8	778.5	776.5	772.9	771.5	767.4
10°	805.2	805.2	798.9	794.0	790.5	787.0	780.7	777.9	775.1	775.7	772.9
12.5°	815.7	810.8	801.7	794.7	789.8	786.2	781.3	779.3	778.5	783.4	784.2
15°	824.1	817.1	805.9	801.0	796.7	796.1	796.1	798.1	803.1	812.2	819.3
17.5°	829.0	824.8	819.3	817.9	824.8	829.0	834.7	840.9	848.0	860.6	868.3
20°	838.1	840.9	845.2	850.8	862.1	872.6	879.5	888.7	897.1	912.5	925.1
22.5°	862.1	878.1	891.4	902.7	919.5	934.2	943.4	956.0	962.3	972.8	992.5
25°	892.8	925.9	953.9	977.8	1003.7	1019.2	1031.7	1047.9	1057.7	1075.3	1092.8
27.5°	883.7	930.7	972.8	1017.0	1052.8	1092.8	1120.8	1147.4	1164.3	1190.2	1213.4
30°	855.7	911.8	968.7	1026.8	1083.6	1141.1	1194.5	1242.9	1280.0	1317.2	1355.1
32.5°	817.9	882.3	951.8	1023.4	1097.7	1177.7	1251.3	1324.2	1386.0	1439.9	1492.6
35°	774.3	847.3	919.5	1007.9	1099.8	1201.5	1303.9	1404.8	1498.9	1594.2	1658.8
37.5°	722.4	796.7	877.4	979.2	1087.2	1212.8	1343.2	1475.0	1608.3	1736.7	1848.2
40°	667.0	742.8	827.6	937.8	1059.8	1205.7	1368.4	1545.9	1728.9	1914.8	2062.8
42.5°	618.0	695.8	788.4	899.9	1032.5	1196.6	1388.8	1606.9	1830.6	2060.7	2278.2
45°	570.2	655.8	753.3	873.2	1020.6	1203.6	1418.9	1663.7	1921.8	2200.9	2466.1
47.5°	527.4	614.4	709.1	840.3	1003.0	1207.1	1448.4	1720.5	2008.1	2310.4	2625.3
50°	488.8	573.0	666.3	798.1	975.6	1205.0	1475.0	1771.7	2082.4	2396.7	2748.0
52.5°	451.0	536.6	631.9	757.5	942.0	1193.0	1487.6	1813.8	2151.2	2483.6	2847.0
55°	413.9	498.0	594.1	718.9	897.8	1162.2	1486.2	1841.1	2205.9	2565.7	2942.3
57.5°	370.3	450.3	544.3	676.1	850.8	1114.5	1465.2	1853.8	2252.9	2647.1	3056.7
60°	316.4	391.4	481.9	613.7	789.0	1053.5	1421.0	1846.8	2280.2	2707.4	3154.2
62.5°	249.7	314.9	397.7	526.7	711.9	965.8	1338.2	1783.0	2236.8	2699.0	3199.7
63°	235.6	297.4	378.0	505.7	679.0	942.0	1313.7	1757.7	2215.7	2681.4	3193.4
65°	189.4	229.4	293.9	408.2	568.1	824.8	1191.6	1627.9	2102.8	2558.0	3102.3
67.5°	145.2	165.5	199.9	279.8	401.9	648.7	965.1	1379.6	1825.0	2252.9	2808.4
70°	124.2	133.3	148.0	185.9	255.4	409.6	677.6	1028.9	1414.7	1785.8	2285.1
72.5°	112.9	117.1	124.8	141.0	175.3	245.5	432.1	669.9	962.3	1273.0	1658.8
75°	103.8	107.3	113.6	122.0	134.7	163.4	246.2	409.6	625.7	836.1	1119.4
77.5°	94.7	96.8	103.8	111.5	119.9	134.7	162.7	235.6	359.8	493.1	674.7
80°	87.0	85.6	90.5	103.1	111.5	119.9	128.4	152.9	204.8	270.0	364.7
82.5°	69.4	70.9	75.1	87.6	91.2	89.1	90.5	94.7	114.3	124.8	186.6
85°	47.0	43.4	42.8	44.2	44.2	42.0	42.0	41.4	45.6	51.9	89.1
87.5°	12.7	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P181082  
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REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	735.7	0°
2.5°	733.7	732.9	733.7	730.1	730.1	729.5	728.7	727.4	727.4	724.6	726.6	2.5°
5°	747.7	746.2	743.4	739.3	737.1	734.3	734.3	731.5	729.5	726.6	727.4	5°
7.5°	763.8	764.6	759.6	756.1	754.7	751.9	752.6	748.4	749.1	747.0	745.6	7.5°
10°	772.9	772.9	774.3	773.7	775.1	775.1	777.1	774.3	772.9	770.8	770.8	10°
12.5°	787.6	790.5	796.1	796.1	800.3	801.7	802.4	803.8	801.0	799.6	794.7	12.5°
15°	824.1	831.2	836.1	843.1	851.4	854.3	854.3	851.4	850.1	848.0	838.9	15°
17.5°	884.5	899.9	904.1	915.4	916.7	920.2	930.1	924.5	920.9	906.2	903.4	17.5°
20°	946.1	965.8	985.5	999.4	1006.5	1020.6	1022.6	1019.8	1005.8	991.7	985.5	20°
22.5°	1020.6	1050.0	1072.5	1094.1	1104.7	1111.7	1127.2	1123.6	1112.4	1091.4	1083.0	22.5°
25°	1125.8	1162.2	1186.1	1212.8	1226.7	1233.8	1249.2	1249.2	1237.2	1231.0	1230.2	25°
27.5°	1258.3	1303.2	1342.4	1351.5	1388.1	1396.5	1411.2	1411.2	1400.0	1392.3	1429.4	27.5°
30°	1405.6	1452.6	1520.7	1566.2	1610.4	1653.9	1653.2	1656.0	1669.3	1676.3	1692.5	30°
32.5°	1552.8	1611.1	1683.4	1782.2	1876.9	1957.6	2062.1	2128.8	2108.4	2051.5	2029.1	32.5°
35°	1731.7	1796.3	1883.9	1983.5	2156.8	2261.3	2311.8	2347.5	2351.7	2359.5	2375.6	35°
37.5°	1930.9	2039.0	2140.7	2253.6	2349.7	2476.7	2593.8	2687.7	2709.5	2753.7	2728.4	37.5°
40°	2182.7	2303.4	2410.0	2555.9	2684.9	2837.9	3005.5	3134.5	3186.4	3169.6	3043.4	40°
42.5°	2446.4	2595.8	2720.7	2892.6	3060.2	3262.2	3435.5	3615.7	3647.9	3518.2	3329.5	42.5°
45°	2689.1	2874.3	3029.3	3208.2	3413.0	3655.0	3886.4	4071.6	4065.2	3842.9	3590.4	45°
47.5°	2907.3	3134.5	3323.9	3556.8	3777.0	4065.2	4331.1	4467.8	4387.2	4124.2	3814.9	47.5°
50°	3087.6	3370.9	3604.5	3840.1	4120.0	4467.2	4723.2	4800.3	4644.6	4358.4	4033.0	50°
52.5°	3232.8	3588.3	3850.6	4122.1	4475.6	4841.1	5061.2	5032.5	4831.2	4537.3	4213.2	52.5°
55°	3355.5	3754.5	4067.4	4387.9	4826.3	5162.9	5309.5	5232.4	4951.1	4653.1	4336.7	55°
57.5°	3482.4	3915.8	4266.5	4638.4	5126.4	5415.5	5496.8	5338.3	5007.9	4697.2	4390.0	57.5°
60°	3609.4	4050.5	4442.6	4857.1	5353.7	5621.7	5599.2	5362.2	4991.1	4665.0	4354.3	60°
62.5°	3694.9	4130.5	4545.1	4991.8	5524.2	5726.9	5589.4	5277.2	4893.6	4538.0	4247.7	62.5°
63°	3697.0	4133.3	4551.4	5001.0	5543.1	5730.4	5570.5	5247.1	4862.7	4512.0	4216.1	63°
65°	3652.9	4080.7	4495.2	4959.6	5527.0	5649.7	5407.0	5069.0	4686.7	4332.5	4051.9	65°
67.5°	3427.0	3863.3	4229.4	4667.1	5238.0	5273.1	4969.3	4696.5	4352.9	3986.0	3692.9	67.5°
70°	2971.8	3334.4	3693.5	4059.0	4538.0	4531.7	4246.3	4107.4	3806.4	3388.4	3153.5	70°
72.5°	2363.7	2689.1	2941.6	3186.4	3502.1	3438.3	3254.4	3293.0	3098.1	2786.0	2646.3	72.5°
75°	1754.9	2112.6	2236.0	2335.6	2468.9	2469.6	2520.1	2629.5	2626.7	2453.5	2277.4	75°
77.5°	1151.0	1542.3	1583.7	1663.7	1823.6	2041.0	2265.5	2506.8	2567.1	2430.3	2170.2	77.5°
80°	641.8	1048.6	1000.8	1069.6	1242.1	1537.5	1868.5	2135.1	2292.2	2215.7	1940.0	80°
82.5°	328.3	604.6	578.0	673.3	812.9	1069.6	1288.5	1493.3	1678.4	1667.9	1563.5	82.5°
85°	170.4	331.1	376.7	426.4	496.6	588.5	671.3	730.9	808.0	944.1	990.3	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.0	50.5	36.5	100.3	143.1	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



IUMBER: P181082

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**DISTRIBUTION (continued):**

330°	335°	340°	345°	350°	355°	360°
735.7	735.7	735.7	735.7	735.7	735.7	735.7
727.4	728.0	726.6	726.6	727.4	727.4	726.0
726.0	726.0	724.6	723.2	721.8	721.8	720.4
742.1	742.1	737.1	735.1	731.5	728.7	727.4
766.0	761.7	756.1	751.9	746.2	740.0	736.5
789.8	783.4	776.5	770.1	763.1	756.1	752.6
829.0	820.7	811.5	803.8	794.0	783.4	779.3
889.4	876.0	864.1	852.9	835.4	827.6	819.3
969.3	949.7	934.2	915.4	893.6	886.5	876.0
1066.1	1049.3	1018.4	1004.4	982.6	972.1	974.2
1213.4	1191.6	1155.9	1142.6	1140.5	1117.3	1106.1
1405.6	1407.0	1374.1	1338.2	1318.6	1282.1	1235.8
1679.2	1660.2	1621.6	1585.1	1538.9	1470.1	1392.9
2010.2	1968.1	1904.3	1836.3	1754.2	1648.3	1540.3
2333.5	2259.9	2158.2	2044.6	1926.1	1794.2	1641.2
2617.6	2503.3	2351.1	2220.6	2052.9	1888.2	1701.6
2877.1	2735.5	2539.1	2370.0	2172.2	1960.4	1739.5
3128.2	2948.7	2708.1	2479.5	2255.6	2008.8	1757.7
3367.4	3135.9	2850.4	2578.3	2316.7	2040.4	1760.5
3551.2	3298.6	2978.2	2649.9	2358.8	2064.2	1760.5
3721.6	3436.1	3075.6	2706.0	2398.1	2080.3	1761.9
3854.2	3533.0	3138.7	2746.0	2428.9	2092.3	1768.2
3950.3	3596.0	3180.9	2770.5	2451.4	2109.1	1782.2
4017.6	3637.4	3203.9	2792.2	2478.7	2138.5	1821.5
4049.9	3713.9	3242.5	2835.7	2525.7	2200.9	1900.1
4025.3	3832.4	3352.7	2909.4	2591.0	2298.4	2025.6
4014.8	3854.2	3382.8	2925.5	2605.7	2319.5	2069.1
3932.7	3875.9	3507.0	3006.9	2675.8	2412.8	2190.4
3678.1	3790.3	3611.5	3144.4	2826.6	2639.4	2417.0
3348.5	3663.4	3592.6	3161.9	2922.7	2825.2	2560.1
2953.6	3279.7	3213.8	2928.3	2816.8	2827.3	2522.9
2324.4	2569.2	2525.7	2425.4	2447.8	2525.0	2161.0
1862.2	1829.2	1728.9	1735.9	1865.7	1956.2	1555.7
1521.3	1231.6	1101.2	1104.7	1331.3	1425.2	991.1
1447.6	1165.0	949.0	829.0	968.7	932.8	517.6
1031.1	1033.1	857.1	696.5	674.7	573.8	322.6
244.1	195.7	139.5	103.8	109.4	72.3	36.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)